

ATTACHMENT - SPECIFICATION AMENDMENTS

Please replace the paragraph at page 11, line 21 with the following amended paragraph.

An embodiment of the invention will now be described with reference to the accompanying drawings, in which:

Fig. 1 is a plan view in partial cross section of a mechanical oscillator system for use in horological mechanisms;

Fig. 2 is a cross-sectional side view of the mechanical oscillator system shown in Fig. 1;
and

Fig. 3A is a perspective view of the balance spring shown in the mechanical oscillator system of Fig. 1, while Fig. 3B is a schematic view of the balance spring.

Please add the following new paragraphs at page 12, line 6.

An example of a mechanical oscillator of this general type is shown in Figs. 1 and 2. Attached to the spindle 14 of the balance 10 is a spiral spring 12, which controls the oscillations of the balance 10. Attached to the balance 10 is a pin 16 which engages with a lever (not shown) arranged to transfer motion of the balance to an escapement mechanism (not shown).

Fig. 3A shows a perspective view of the balance spring 12 in which the dimensions of height h and thickness e are labeled. Fig. 3B shows a schematic view in which the dimension of length l is labeled; where the length l of the balance spring (shown as a spiral in this example) is the whole length of the spring, end to end.